

**MODEL:** CPE-223 | **DESCRIPTION:** PIEZO BUZZER INDICATOR

**FEATURES**

- through-hole pins
- 12 Vdc rating
- 3.3 kHz rated frequency



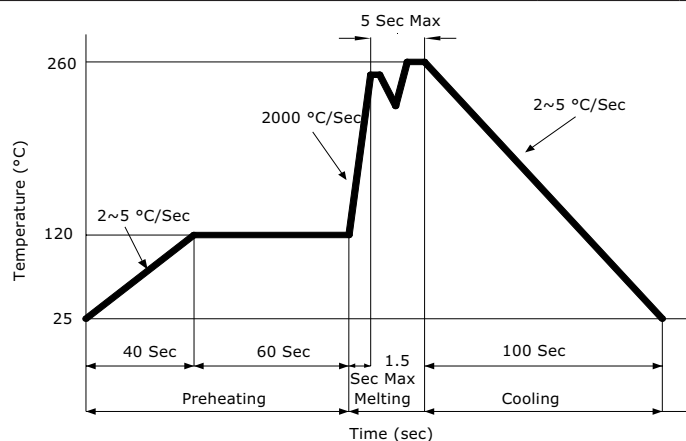
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vdc
operating voltage		3		20	Vdc
current consumption	at rated voltage			13	mA
rated frequency		2,800	3,300	3,800	Hz
sound pressure level	at 30 cm, rated voltage	81			dB
dimensions	∅23.8 x 12.2				mm
weight				3.5	g
material	PBT+15% Glass				
terminal	pin type [Sn plating]				
operating temperature		-20		85	°C
storage temperature		-30		95	°C
RoHS	yes				

Notes: 1. All specifications measured at 5-35°C, humidity at 45-85%, under 86-106kPa pressure, unless otherwise noted.

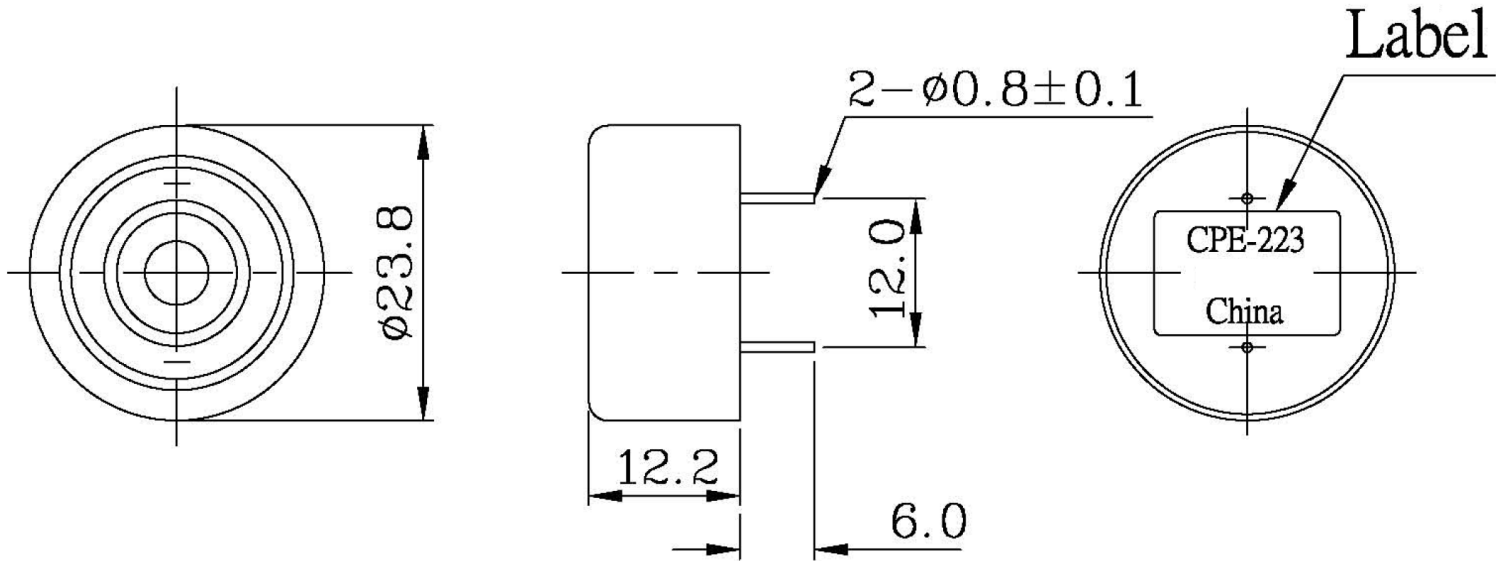
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 5 seconds	330		380	°C
wave soldering	see wave solder profile			260	°C



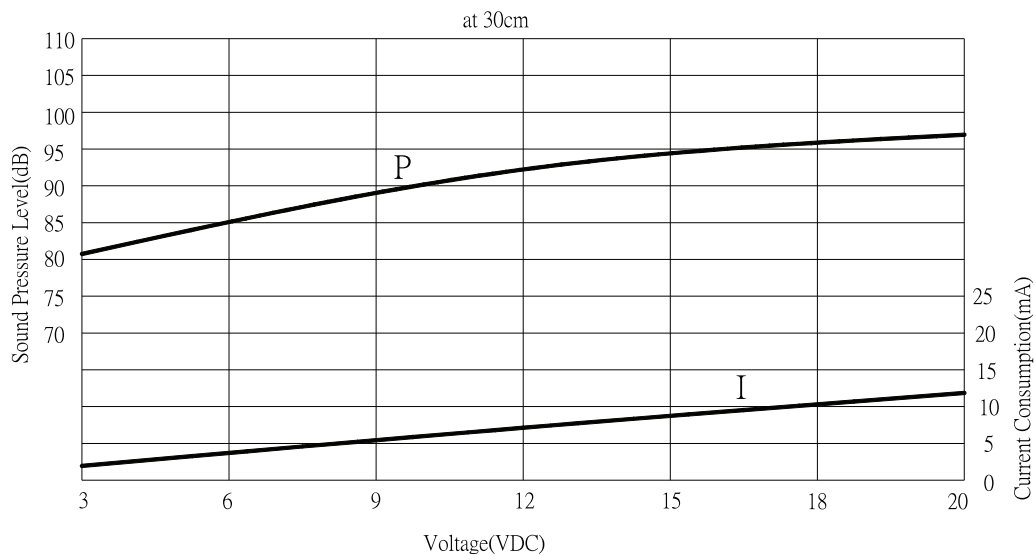
## MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm



## PERFORMANCE CURVES

P: Voltage vs. Sound Pressure Level  
I: Voltage vs. Current Consumption



## REVISION HISTORY

rev.	description	date
1.0	initial release	11/12/2007
1.01	brand update	12/16/2019
1.02	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.



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